

Appl. No. 10/621,859
Amdt. dated January 24, 2006
Reply to Office action of December 21, 2004

In the Claims:

Claims 1, 22 and 25 are amended herein. Claims 6 and 23 are canceled herein. The remaining claims are not amended in this response.

1. (currently amended) A method for reducing moisture within a space in a construction project for the purpose preventing structural damage and/or the growth of mold or mildew to components with the space in the construction project, comprising the steps of:

determining moisture content level at one or more points within the space in the construction project; and

if the moisture level at a selected number of said one or more points is above a threshold, performing moisture removal within said construction project to reduce the moisture level of the space to a value below a level sufficient to prevent structural damage and/or growth of mold or mildew on the components within the space,

further comprising sealing the space of said construction project where said one or more points is located with a vapor barrier to provide an enclosed area for moisture removal.

2. (original) The method according to claim 1, wherein said selected number of points is one.

Appl. No. 10/621,859
Amdt. dated January 24, 2006
Reply to Office action of December 21, 2004

3. (original) The method according to claim 1 wherein said construction project comprises a residential construction project.

4. (original) The method according to claim 3 wherein said residential construction project comprises a single family dwelling.

5. (original) The method according to claim 1 wherein said construction project comprises a commercial building construction project.

6. (canceled).

7. (original) The method according to claim 1 wherein said moisture removal comprises providing a dehumidifier device to remove moisture.

8. (previously presented) The method according to claim 7 wherein said moisture removal further comprises providing a heater for heating the space for enhanced moisture removal.

9. (previously presented) The method according to claim 8 wherein said moisture removal further comprises providing a blower to move air within the space during said providing moisture removal.

Appl. No. 10/621,859
Amdt. dated January 24, 2006
Reply to Office action of December 21, 2004

10. (previously presented) The method according to claim 1 wherein said providing moisture removal comprises providing a heater within the space.

11. (previously presented) The method according to claim 10 wherein said providing moisture removal further comprises providing a blower to move air within the space.

12. (previously presented) The method according to claim 1 wherein said providing moisture removal comprises providing a blower to move air within the space.

13. (previously presented) The method according to claim 12 wherein said moisture removal comprises providing a dehumidifier to remove moisture from air within the space.

14-21. (canceled)

22. (currently amended) A process for treating a space within a construction of a new home to preventing structural damage and/or the growth of mold or mildew, comprising the steps of:

measuring moisture content at one or more locations within the space, wherein said one or more locations are selected from the group of locations consisting of a base plates, a stud and a floor,

Appl. No. 10/621,859
Amdt. dated January 24, 2006
Reply to Office action of December 21, 2004

determining whether the measured moisture content meets a threshold indication recommending that drying be performed;

positioning and operating within the space one or more drying devices for the purpose of reducing the moisture level within the space and thereby reducing the moisture level in structural components of the space, wherein the one or more drying devices are selected from the group consisting of a dehumidifier, a space heater, and an air moving device,

further comprising the step of substantially sealing the space off with a vapor barrier relative to other space outside of the space being treated.

23. (canceled)

24. (previously presented) The process according to claim 22, wherein said one or more drying devices are operated for a period of time, whereupon one or more further moisture content readings are taken, and a decision is made whether to continue operating said one or more drying devices based on whether said one or more further moisture content readings meet the threshold indication.

25. (currently amended) A process for testing and treating a space within a construction of a new home to ~~preventing~~ prevent structural damage and/or the growth of mold or mildew, comprising the steps of:

Appl. No. 10/621,859
Amdt. dated January 24, 2006
Reply to Office action of December 21, 2004

taking initial moisture content readings at locations within the space,

determining whether the measured moisture content meets a threshold indication recommending that treatment is warranted;

if the determination is that treatment is warranted, positioning one or more moisture reduction equipments relative to the space;

substantially sealing the space off with a vapor barrier relative to other space outside of the space being treated;

activating the one or more moisture reduction equipments for the purpose or reducing the moisture level within the space and allowing said moisture reduction equipments to operate for a period of time,

taking additional moisture content readings at locations within the space after the period of time has elapsed,

determining whether the measured moisture content meets a threshold indication recommending that further treatment is warranted;

if the determination is that further treatment is warranted, allowing said moisture reduction equipments to continue to operated for another period of time,

thereby reducing the moisture level in structural components of the space.

Appl. No. 10/621,859
Amdt. dated January 24, 2006
Reply to Office action of December 21, 2004

26. (previously presented) The process according to claim 25, further comprising the step of moving one or more of the one or more equipments to different locations within the space prior to said allowing said moisture reduction equipments to continue to run.

27. (previously presented) The process according to claim 25, further comprising providing one or more additional moisture removing equipments in said step of allowing said moisture reduction equipments to continue to run.

28. (previously presented) The process according to claim 27, wherein the first mentioned at least one of said one or more drying devices comprises a dehumidifier, and wherein said one or more additional equipments is selected from the group consisting of an air mover, a heater and a dehumidifier.

29. (previously presented) The process according to claim 25, wherein at least one of said one or more drying devices comprises a dehumidifier.